

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-26 (canceled)

Claim 27. (currently amended)      A container for storing and admixing medical solutions comprising:

    a first chamber containing ~~lipids~~ a lipid component having a semi-volatile compound concentration of less than 0.11  $\mu\text{g/ml}$ ;

    a second chamber; and

    a peelable seal separating the first chamber from the second chamber; ~~and wherein the lipids have a concentration of a semi-volatile compound of less than 0.11  $\mu\text{g/ml}$  after the container has been autoclaved and then stands at 48 hours.~~

Claim 28. (previously presented)      The container of claim 27 wherein the semi-volatile compound is selected from the group of 2,6 di-t-butyl-4-methyl-phenol; 2,6-di-t-butyl-4-ethylphenol; and 25-crown-5 ether.

Claim 29. (previously presented)      The container of claim 28 wherein the concentration of 2,6-di-t-butyl-4-methyl-phenol is less than 0.050  $\mu\text{g/ml}$ .

Claim 30. (previously presented)      The container of claim 28 wherein the concentration of 25-crown-5 ether is less than 0.010  $\mu\text{g/ml}$ .

Claim 31. (previously presented)      The container of claim 27 wherein the container is constructed from a flexible plastic material.

Claim 32. (previously presented)      The container of claim 31 wherein the flexible plastic material does not contain polyvinyl chloride.

Claim 33. (previously presented)      The container of claim 31 wherein the flexible plastic material a multilayer film.

Claim 34. (previously presented) The container of claim 33 wherein the multilayer film comprises four layers.

Claim 35. (currently amended) The container of claim 27 wherein the container is an autoclaved container ~~has been autoclaved at 121°C.~~

Claim 36 (currently amended) The container of claim 27 wherein the peelable seal is a heat sealed peelable seal ~~formed by heat sealing.~~

Claim 37. (currently amended) The container of claim 36 wherein the peelable seal is an RF welded peelable seal ~~heat sealing is radio frequency welding.~~

Claims 39-43. (canceled)

Claim 44. (currently amended) A container for storing and admixing medical solutions comprising:

a body having an RF responsive polymer layer composed of an ethylene vinyl acetate copolymer;

a first chamber containing ~~lipids~~ a lipid component;

a second chamber; and

a peelable seal separating the first chamber from the second chamber; ~~and wherein the lipids have a concentration of 2,6-di-t-butyl-4-methylphenol of less than 0.50 µg/ml after the container has been autoclaved and then stands for 48 hours at ambient temperature.~~

Claim 45. (currently amended) The container of claim 44 wherein the container ~~has been autoclaved at 121°C~~ is an autoclaved container.

Claim 46. (currently amended) A container for storing and admixing medical solutions comprising: a first chamber containing ~~lipids~~ a lipid component having a 2,6-di-t-butyl-4-ethylphenol concentration of less than 0.011 µg/ml;

a second chamber; and

a peelable seal separating the first chamber from the second chamber; ~~and wherein the lipids have a concentration of 2,6-di-*t*-butyl-4-ethylphenol of less than 0.011  $\mu\text{g/ml}$  after the container has been autoclaved and then stands for 48 hours at ambient temperature.~~

Claim 47. (currently amended) The container of claim 46 wherein the container is an autoclaved container ~~has been autoclaved at 121°C.~~

Claim 48. (currently amended) A container for storing and admixing medical solutions comprising:

a first chamber containing lipids a lipid component having a 25-crown ether concentration of less than 0.010  $\mu\text{g/ml}$ ;

a second chamber; and

a peelable seal separating the first chamber from the second chamber; ~~and wherein the lipids have a concentration of 25-crown ether of less than 0.010  $\mu\text{g/ml}$  after the container has been autoclaved and then stands for 48 hours at ambient temperature.~~

Claim 49. (currently amended) The container of claim 48 wherein the container is an autoclaved container ~~has been autoclaved at 121°C.~~

Claim 50. (currently amended) A container for storing and admixing medical solutions comprising:

a first chamber containing lipids a lipid component having an aluminum concentration of less than 0.023  $\mu\text{g/ml}$ ;

a second chamber; and

a peelable seal separating the first chamber from the second chamber; ~~and wherein the lipids have a concentration of aluminum of less than 0.023  $\mu\text{g/ml}$  after the container has been autoclaved and then stands for 48 hours at ambient temperature.~~

Claim 51. (currently amended) The container of claim 50 wherein the container is an autoclaved container ~~has been autoclaved at 121°C.~~

Claim 52. (previously presented) A container for storing and admixing medical solutions comprising:

a first chamber containing ~~lipids~~ a lipid component having an oligomeric propylene concentration of less than 5.6  $\mu\text{g/ml}$ ;

a second chamber;

a peelable seal separating the first chamber from the second chamber; ~~and wherein the lipids have a concentration of oligomeric propylene of less than 5.6  $\mu\text{g/ml}$  after the container has been autoclaved and then stands for 48 hours at ambient temperature.~~

Claim 53. (currently amended) The container of claim 52 wherein the container is an autoclaved container ~~has been autoclaved at 121°C.~~

Claim 54. (currently amended) A container for storing and admixing medical solutions comprising:

a first chamber containing ~~lipids~~ a lipid component having an oligomeric ethylene vinyl acetate concentration of less than 5.6  $\mu\text{g/ml}$ ;

a second chamber; and

a peelable seal separating the first chamber from the second chamber; ~~and wherein the lipids have a concentration of oligomeric ethylene vinyl acetate of less than 5.6  $\mu\text{g/ml}$  after the container has been autoclaved and then stands for 48 hours at ambient temperature.~~

Claim 55. (currently amended) The container of claim 54 wherein the container is an autoclaved container ~~has been autoclaved at 121°C.~~

Claim 56. (new) The container of claim 31 wherein the flexible plastic material further comprises an RF responsive polymer layer composed of an ethylene vinyl acetate copolymer.

Claim 57. (new) The container of claim 44 wherein the lipid component further comprises an oligomeric ethylene vinyl acetate concentration of less than 5.6  $\mu\text{g/ml}$ .